

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	620	((angle with axis) near10 retard\$6) and ((angle with axis) near10 polariz\$6) and (liquid adj crystal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:06
L2	1186	349/117	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:06
L3	476	349/130	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:07
L4	820	349/129	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:07
L5	1186	349/117	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:07
L6	476	349/130	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:07
L7	74	L5 and L6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:07
L8	62	((laminate double) near10 (retardation phase compensat\$4)) and cross-linked and (chiral discotic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:07

## EAST Search History

S47	1127	349/117	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:06
S48	523	349/130	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:06
S49	56	S47 and S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:07
S50	704	349/129	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:07
S51	25360	(lamine double) near10 (retardation phase compensat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/21 09:31
S52	1997	S51 and (liquid adj crystal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 16:52
S53	21	S52 and (wide adj view)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 16:52
S54	4	((lamine double) near10 (retardation phase compensat\$4)) and cross-link and (chiral discotic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/21 09:33

## EAST Search History

S55	40	((lamine double) near10 (retardation phase compensat\$4)) and cross-linked and (chiral discotic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:07
S56	65	((lamine double) near10 (retardation phase compensat\$4)) and cross-linked and (chiral discotic nematic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/06 14:59
S57	94	negative adj C adj plate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/23 10:27
S58	409	349/119	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/24 17:34
S59	33	349/119 and 349/130	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/24 15:56
S60	184	349/120	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/24 18:09
S61	26458	cross-link	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 08:22
S62	3	cross-link and 349/120	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/24 18:22

## EAST Search History

S63	10	cross-link and 349/117	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/24 18:25
S64	2	cross-link and 349/119	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/24 18:23
S65	32	(retardation compensat\$4) near10 cross-link	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/24 18:26
S67	5	cross-linked adj nematic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 08:25
S68	102219	cross-linked	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 08:23
S69	4	cross-linked adj (chiral discotic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 09:14
S70	2	S67 and S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 08:24
S71	2	"20040160553".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 09:42

## EAST Search History

S73	954	"349"/117-120.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 17:10
S74	954	349/117-120.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 09:47
S75	954	(349/117-120).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 09:47
S83	515	(chowdhury).xp.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 09:53
S84	36	(chowdhury).xp. and (349/117-120).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 09:55
S85	2	"5995184".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 10:00
S86	120	A-plate and C-plate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 14:31
S87	27	(A-plate near10 nematic) and C-plate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 14:20

## EAST Search History

S88	5	(A-plate near10 nematic) and (C-plate near10 discotic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 12:42
S89	2	(A-plate near10 nematic) and C-plate and 349/130	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 14:22
S90	24	(A-plate near10 nematic) and C-plate and (vertical or va)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 14:24
S91	18	(A-plate near10 nematic) and C-plate and ((vertical adj align\$4)or va)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 14:24
S92	0	A-plate and C-plate and ((quater adj wave) or retardation) and (vertical adj algn\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 14:32
S93	87	A-plate and C-plate and ((quater adj wave) or retardation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 14:33
S94	26	A-plate and C-plate and ((quater adj wave) or retardation) and (vertical adj align\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 15:24
S95	4	A-plate near10 (quarter adj wave)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 15:30

## EAST Search History

S96	56	A-plate near10 (retardation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 15:56
S99	22826	(C-plate retardation compensat\$4) near10 thickness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 15:58
S10 0	40	C-plate near10 thickness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 16:31
S10 1	2	"5196953".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 16:22
S10 6	117	(refrative)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 17:01
S10 7	7	(refrative adj indi\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 16:36
S10 8	0	(refrative) near10 retardation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 17:01
S10 9	2	"6781664".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 17:10

## EAST Search History

S11 0	69	((lamine double) near10 (retardation phase compensat\$4)) and cross-linked and (chiral discotic nematic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/06 16:19
S11 1	2	((lamine double) near10 (retardation phase compensat\$4)) and (cross-linked with nematic)and (cross-linked with (chiral discotic nematic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/06 15:17
S11 2	1	"20040095532".pn.	US-PGPUB; USPAT	OR	OFF	2005/08/06 15:46
S11 3	1	"20040212766".pn.	US-PGPUB; USPAT	OR	OFF	2005/08/06 15:46
S11 4	2	((lamine double) near10 (retardation phase compensat\$4)) and ((cross-linked) with nematic) and ((cross-linked) with ((chiral adj nematic) discotic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/06 16:21
S11 5	9	(349/117-120).ccls. and cross-link	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/06 16:24
S11 6	1000	(349/117-120).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/06 16:24
S11 7	101	(349/117-120).ccls. and cross-link\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/06 16:24
S11 8	8	(349/117-120).ccls. and cross-link\$6 and (A adj plate) and (negative adj C adj plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/06 16:54



## EAST Search History

S11 9	1	((cross-link\$6 near10 nematic) with (A adj plate)) and ((cross-link\$6 near10 (chiral adj nematic) or discotic) with (negative adj C adj plate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/06 16:58
S12 0	63	(A adj plate)and (negative adj C adj plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/06 18:17
S12 1	0	((A adj plate) with (quater 1/4)) near10 retarda\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/06 18:19
S12 2	82	((A adj plate) and (quater 1/4)) and retard\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/06 18:21
S12 3	0	((A adj plate) near10 (quater 1/4)) and retard\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/06 18:20
S12 4	19	S122 and "349"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/06 18:21
S12 5	32	(A-plate with ((quater adj wave)or retardation)) and (negative adj C-plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 12:30
S12 6	69	(A-plate with ((quater adj wave)or retardation))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 12:31

## EAST Search History

S12 7	64	(A-plate near10 ((quater adj wave)or retardation))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 12:38
S12 8	126	(A-plate near10 ((quater adj wave)or retardation) or QWF)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 13:12
S12 9	29	(A-plate near10 ((quater adj wave)or retardation) or QWF)and (negative adj c-plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 14:35
S13 0	1	"5619352".pn.	USPAT	OR	ON	2005/08/08 14:51
S13 1	10	winker.in. and A-plate and (negative adj c-plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 15:05
S13 2	0	(cross-link\$4 adj nematic) near10 A-plate and ((cross-link\$4 chiral)or discotic) near10 (negative adj c-plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 15:10
S13 3	0	(cross-link\$4 adj nematic) near10 A-plate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 15:08
S13 4	0	(cross-link\$4 adj nematic) with A-plate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 15:08
S13 5	0	((cross-link\$4 adj nematic) near10 A-plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 15:12

## EAST Search History

S13 6	0	((cross-link\$4 adj nematic) and A-plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 15:12
S13 7	8	(cross-link\$4 adj nematic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 15:31
S13 8	4630	(angle with axis) and retard\$6 and polariz\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 15:33
S13 9	2875	(angle with axis) and retard\$6 and polariz\$6 and (liquid adj crystal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 15:34
S14 0	755	((angle with axis) near10 retard\$6) and polariz\$6 and (liquid adj crystal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 15:35
S14 1	554	((angle with axis) near10 retard\$6) and ((angle with axis) near10 polariz\$6) and (liquid adj crystal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:06
S14 2	10	((angle with axis) near10 retard\$6) and ((angle with axis) near10 polariz\$6) and (liquid adj crystal) and A-plate and c-plate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 15:37
S14 3	1	(cross-link with (nematic adj liquid adj crystal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 17:23

## EAST Search History

S14 4	1	(cross-link near10 (nematic adj liquid adj crystal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 17:24
S14 5	0	(cross-link\$4 near10 (A-plate)) and (cross-link\$4 near10 (negative adj C-plate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 17:26
S14 6	0	(cross-link\$4 same (A-plate)) and (cross-link\$4 same (negative adj C-plate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 17:27
S14 7	9	(cross-link\$4 and (A-plate)) and (cross-link\$4 and (negative adj C-plate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 17:27
S14 8	72	((cross adj link\$4) Near10 (nematic adj liquid adj crystal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 09:33
S14 9	11	S148 and ((cross adj link\$4) near10 ((chiral adj nematic adj liquid adj crystal) or (discotic adj liquid adj crystal)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 10:06
S15 0	77	(shean wu).xp. and "428"/\$.ccls. and (cross adj link\$4 )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 10:10
S15 1	0	(shean wu).xp. and "428"/\$.ccls. and (cross adj link\$4 ) and A-plate and (negative adj c-plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 10:10
S15 2	1	"6885421".pn.	USPAT	OR	OFF	2005/08/09 13:37